

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

02/22/2005
**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/516,435
Filing Date	November 30, 2004
First Named Inventor	Joseph P. Orban, III
Art Unit	To be Assigned 3731
Examiner Name	To be Assigned J.W.Wor
Attorney Docket Number	2823 (203-3209 PCTUS)

Sheet 1 of 3

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
J.W.Wor		US- 6,045,560	04/04/2000	McKean et al.	
		US- 5,542,594	08/06/1996	McKean et al.	
		US- 5,002,551	03/26/1991	Linsky et al.	
		US- 4,838,884	06/13/1989	Dumican et al.	
		US- 4,655,221	04/07/1987	Devereux	
		US- 3,054,406	09/18/1962	Usher	
		US- 3,124,136	03/10/1964	Usher	
		US- 4,347,847	09/07/1982	Usher	
		US- 5,040,715	08/20/1991	Green et al.	
		US- 5,014,899	05/14/1991	Presty et al.	
		US- 4,354,628	10/19/1982	Green	
		US- 6,656,193 B2	12/02/2003	Grant et al.	
		US- 6,592,597 B2	07/15/2003	Grant et al.	
		US- 6,503,257 B2	01/07/2003	Grant et al.	
		US- 2002/0165563 A1	11/07/2002	Grant et al.	
		US- 2002/0165562 A1	11/07/2002	Grant et al.	
		US- 2002/0165559 A1	11/07/2002	Grant et al.	
		US- 2003/0183671 A1	10/02/2003	Mooradian et al.	
		US- 5,702,409	12/30/1997	Rayburn et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
J.W.Wor		EP 0 594 148 A1	04/27/1994	United States Surgical Corporation		
		DE 199 24 311 A1	11/30/2000	Meissner, Bolte & Partner		

Examiner
Signature

J. Wor

Date
Considered

6-21-07

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/516,435
Filing Date	November 30, 2004
First Named Inventor	Joseph P. Orban, III
Art Unit	To Be Assigned 3731
Examiner Name	To Be Assigned J.W. Wood
Attorney Docket Number	2823 (203-3209 PCTUS)

Sheet 2 of 3

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JWW		US- 5,468,253	11/21/1995	Bezwada et al.	
		US- 5,263,629	11/23/1993	Trumbull et al.	
		US- 4,605,730	08/12/1986	Shalaby et al.	
		US- 6,045,560	04/04/2000	McKean et al.	
		US- 5,902,312	05/11/1999	Frater et al.	
		US- 5,895,412	04/20/1999	Tucker	
		US- 5,810,855	09/22/1998	Rayburn et al.	
		US- 5,766,188	06/16/1998	Igaki	
		US- 5,752,965	05/19/1998	Francis et al.	
		US- 5,503,638	04/02/1996	Cooper et al.	
		US- 5,397,324	03/14/1995	Carroll et al.	
		US- 5,441,193	08/15/1995	Gravener	
		US- 5,814,057	09/29/1998	Oi et al.	
		US- 5,964,774	10/12/1999	McKean et al.	
		US- 6,325,810 B1	12/04/2001	Hamilton et al.	
		US- 6,704,210 B2	03/09/2004	Myers	
		US- 2004/0116945 A1	06/17/2004	Sharkawy et al.	
		US- 4,930,674	06/05/1990	Barak	
		US- 5,542,594	08/06/1996	McKean et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
Signature

JWW

Date
Considered

6-21-07

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 3 of 3**Complete if Known**

Application Number	10/516,435
Filing Date	November 30, 2004
First Named Inventor	Joseph P. Orban, III
Art Unit	To Be Assigned <u>391</u>
Examiner Name	To Be Assigned <u>J. W. Woo</u>
Attorney Docket Number	2823 (203-3209 PCTUS)

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
<u>J. M. Woo</u> ↓		US- 5,549,628	08/27/1996	Cooper et al.	
		US- 5,769,892	06/23/1998	Kingwell	
		US- 5,833,695	11/10/1998	Yoon	
		US- 6,099,551	08/08/2000	Gabbay	
		US- 6,063,097	05/16/2000	Oi et al.	
		US- 5,908,427	06/01/1999	McKean et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

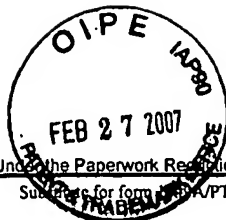
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
SignatureJulian M. WooDate
Considered6-21-07

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Subpage for form PTO/SB/08a

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/516,435
Filing Date	November 30, 2004
First Named Inventor	Orban, et al.
Art Unit	NYK 3731
Examiner Name	NYK J.W. WOO
Attorney Docket Number	2823 (203-3209 PCT US)

Sheet 1 of 4

U.S. PATENT DOCUMENTS WITHOUT REFERENCES

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
J.W. WOO		4,452,245	6-5-1984	Usher	
		4,834,090	5-30-1989	Moore	
		5,065,929	11-19-1991	Schulze et al.	
		5,314,471	5-24-1994	Brauker et al.	
		5,344,454	9-6-1994	Clarke et al.	
		5,392,979	2-28-1995	Green et al.	
		5,425,745	6-20-1995	Green et al.	
		5,441,507	8-15-1995	Wilk et al.	
		5,575,803	11-19-1996	Cooper et al.	
		5,653,756	8-5-1997	Clarke et al.	
		5,683,809	11-4-1997	Freeman et al.	
		5,690,675	11-25-1997	Sawyer et al.	
		5,782,396	7-21-1998	Mastri et al.	
		5,799,857	9-7-1998	Robertson et al.	
		5,843,096	12-1-1998	Igaki et al.	
		5,915,616	6-29-1999	Viola et al.	
		5,931,847	8-3-1999	Bittner et al.	
		5,997,895	12-7-1999	Narotam et al.	
		6,019,791	2-1-2000	Wood	
		6,032,849	3-7-2000	Mastri et al.	
		6,080,169	6-27-2000	Turtel	
		6,149,667	11-21-2000	Hovland et al.	
		6,155,265	12-5-2000	Hammerslag	
		6,210,439 B1	4-3-2001	Firmin et al.	
		6,214,020 B1	4-10-2001	Mulhauser et al.	
		6,258,107 B1	7-10-2001	Balazs et al.	
		6,267,772 B1	7-31-2001	Mulhauser et al.	
		6,273,897 B1	8-14-2001	Dallessandro et al.	
		6,280,453 B1	8-28-2001	Kugel et al.	
		6,299,631 B1	10-9-2001	Shalaby	
		6,312,457 B1	11-6-2001	DiMatteo et al.	

Examiner

J.W. WOO

Date Considered

6-21-07

Examiner: Initial if citation considered, whether or nor citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/516,435
Filing Date	November 30, 2004
First Named Inventor	Orban, et al.
Art Unit	NYK-3771
Examiner Name	NYK J. W. WOOD
Attorney Docket Number	2823 (203-3209 PCT US)

Sheet 2

of 4

U.S. PATENT DOCUMENTS WITHOUT REFERENCES

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		6,312,474 B1	11-6-2001	Francis et al.	
		6,436,030 B2	8-20-2002	Rehil	
		6,454,780 B1	9-24-2002	Wallace	
		6,461,368 B2	10-8-2002	Fogarty et al.	
		6,514,283 B2	2-4-2003	DiMatteo et al.	
		6,517,566 B1	2-11-2003	Hovland et al.	
		6,551,356 B2	4-22-2003	Rousseau	
		6,638,285 B2	10-28-2003	Gabbay	
		6,652,594 B2	11-25-2003	Francis et al.	
		6,669,735 B1	12-30-2003	Pelissier	
		6,677,258 B2	1-13-2004	Carroll et al.	
		6,685,714 B2	2-3-2004	Rousseau	
		6,723,114 B2	4-20-2004	Shalaby	
		6,726,706 B2	4-27-2004	Dominguez	
		6,736,823 B2	5-18-2004	Darois et al.	
		6,736,854 B2	5-18-2004	Vadurro et al.	
		6,746,458 B2	6-8-2004	Cloud	
		6,773,458 B1	8-10-2004	Brauker et al.	
		6,927,315 B1	8-9-2005	Heinecke et al.	
		7,128,748 B2	10-31-2006	Mooradian et al.	
		2002/0016626 A1	2-7-2002	DiMatteo et al.	
		2002/0019187 A1	2-14-2002	Carroll et al.	
		2002/0052622 A1	5-2-2002	Rousseau	
		2002/0091397 A1	7-11-2002	Chen	
		2002/0133236 A1	9-19-2002	Rousseau	
		2002/0138152 A1	9-26-2002	Francis et al.	
		2002/0151911 A1	10-17-2002	Gabbay	
		2003/0065345 A1	4-3-2003	Weadock	
		2003/0065346 A1	4-3-2003	Evens et al.	
		2003/0083676 A1	5-1-2003	Wallace	
		2003/0105510 A1	6-5-2003	DiMatteo et al.	

Examiner

J. W. Wood

Date Considered

6-21-07

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/516,435
Filing Date	November 30, 2004
First Named Inventor	Orban, et al.
Art Unit	NYK 3731
Examiner Name	NYK J. W. WOO
Attorney Docket Number	2823 (203-3209 PCT US)

Sheet 3

of 4

U.S. PATENT DOCUMENTS WITHOUT REFERENCES

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		2003/0114866 A1	6-19-2003	Ulmsten et al.	
		2003/0167064 A1	9-4-2003	Whayne	
		2003/0181927 A1	9-25-2003	Wallace	
		2004/0034377 A1	2-19-2004	Sharkawy et al.	
		2004/0092960 A1	5-13-2004	Abrams et al.	
		2004/0093029 A1	5-13-2004	Zubik et al.	
		2004/0107006 A1	6-3-2004	Francis et al.	
		2004/0142621 A1	7-22-2004	Carroll et al.	
		2004/0172048 A1	9-2-2004	Browning	
		2004/0209059 A1	10-21-2004	Foss	
		2004/0215214 A1	10-28-2004	Crews et al.	
		2004/0215219 A1	10-28-2004	Eldridge et al.	
		2004/0215221 A1	10-28-2004	Suyker et al.	
		2004/0254590 A1	12-16-2004	Hoffman et al.	
		2004/0260315 A1	12-23-2004	Dell et al.	
		2005/0002981 A1	1-6-2005	Lahtinen et al.	
		2005/0021026 A1	1-27-2005	Baily	
		2005/0021053 A1	1-27-2005	Heinrich	
		2005/0021085 A1	1-27-2005	Abrams et al.	
		2005/0059996 A1	3-17-2005	Bauman et al.	
		2005/0059997 A1	3-17-2005	Bauman et al.	
		2005/0118435 A1	6-2-2005	DeLucia et al.	
		2005/0228446 A1	10-13-2005	Mooradian et al.	
		2006/0085034 A1	04-20-2006	Michael Bettuchi	
		2006/0085034 A1	04-20-2006	Michael Bettuchi	
		2006/0271104 A1	11-30-2006	Viola, et al.	

Examiner

Julian W. Woo

Date Considered

6-21-07

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/516,435
Filing Date	November 30, 2004
First Named Inventor	Orban, et al.
Art Unit	NYK 3731
Examiner Name	NYK J.W. Wood
Attorney Docket Number	2823 (203-3209 PCT US)

Sheet 4

of 4

FOREIGN PATENT DOCUMENTS WITH REFERENCES

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² Number ³ Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
JMM		WO 90/005489	05-31-1990	Immuno Sweden AB		
		WO 03/082126 A1	10-09-2003	Synovis Life Technologies, Inc.		
		WO 03/105968	12-24-2003	Tyco Healthcare Group, LP		
		DE 1 99 24 311	11-30-2000	Berstein et al.		X

Examiner

Julian M. Wood

Date Considered

6-21-07

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

~~Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.~~

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/516,435
Filing Date	November 30, 2004
First Named Inventor	Orban, et al.
Art Unit	3721 3731
Examiner Name	JBD - J. W. WOO
Attorney Docket Number	2823 (203-3209 PCTUS)


Sheet	1	of	1
-------	---	----	---

U.S. PATENT DOCUMENTS *WITHOUT REFERENCES*[illegible]

FOREIGN PATENT DOCUMENTS *WITH REFERENCES*

[illegible]

OTHER DOCUMENTS *WITH REFERENCES*

Examiner Initials*	Cite No. 1		T ²
		Copy of International Search Report from application PCT/US05/36740 mailed March 23, 2007.	

Examiner <i>Julian M. Moo</i>	Date Considered <i>6-21-07</i>
Examiner: Initial if citation considered, whether or nor citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	